

## **Anti-CYSLTR2 Antibody**

Rabbit polyclonal antibody to CYSLTR2 Catalog # AP59857

## **Specification**

## **Anti-CYSLTR2 Antibody - Product Information**

Application WB
Primary Accession Q9NS75

Reactivity Human, Mouse, Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 39635

## **Anti-CYSLTR2 Antibody - Additional Information**

### **Gene ID 57105**

#### **Other Names**

CYSLT2; CYSLT2R; Cysteinyl leukotriene receptor 2; CysLTR2; G-protein coupled receptor GPCR21; hGPCR21; G-protein coupled receptor HG57; HPN321

### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CYSLTR2. The exact sequence is proprietary.

### **Dilution**

WB~~WB (1/500 - 1/1000)

## **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

### Storage

Store at -20 °C. Stable for 12 months from date of receipt

## **Anti-CYSLTR2 Antibody - Protein Information**

## Name CYSLTR2

Synonyms CYSLT2, CYSLT2R

# **Function**

Receptor for cysteinyl leukotrienes. The response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Stimulation by BAY u9773, a partial agonist, induces specific contractions of pulmonary veins and might also have an indirect role in the relaxation of the pulmonary vascular endothelium. The rank order of affinities for the leukotrienes is LTC4 = LTD4 >> LTE4.



**Cellular Location** 

Cell membrane; Multi-pass membrane protein.

#### **Tissue Location**

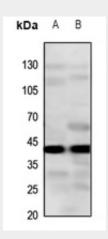
Widely expressed, with highest levels in the heart, placenta, spleen, peripheral blood leukocytes and adrenal gland. In lung, expressed in the interstitial macrophages, and slightly in smooth muscle cells

## **Anti-CYSLTR2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **Anti-CYSLTR2 Antibody - Images**



Western blot analysis of CYSLTR2 expression in rat heart (A), mouse spleen (B) whole cell lysates.

## Anti-CYSLTR2 Antibody - Background

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